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PN - JP10008395 A 19980113
 TI - VAPOR METALLIZED PAPER FOR LABEL
 FI - D21H1/18 ; D21H19/08
 PA - OJI PAPER CO; NIPPON KAYAKU KK
 IN - KIIYOYANAGI NORIKO; IZUMI KAORU; SUGAYA HIROAKI; TAKEYAMA SABURO
 AP - JP19960185348 19960627
 PR - JP19960185348 19960627
 DT - I

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AN - 1998-126748 [12]
 TI - Paper with metal deposit for label having improved water-resistance - comprises a metal layer deposited onto an undercoat layer formed by an emulsion comprising ethylenic unsaturated group(s)- and glycidyl-containing compounds, and an emulsifier
 AB - J10008395 The paper comprises basic paper, undercoat layer and metal layer deposited onto the undercoat layer is formed by an emulsion composed of a compound (A) having more than one ethylenic unsaturated gp., a compound (B) and an emulsifier (C). The emulsion is cured by radiation. (B) is prepared by reacting a glycidyl-containing compound having glycidyl gp. and (meth)acrylate and further reacting with anhydrous polybasic acid.
 - ADVANTAGE - The paper has enhanced workability, maintaining environmental condition, is attractive in appearance, and has water-resistance.
 - (Dwg.0/0)
 IW - PAPER METAL DEPOSIT LABEL IMPROVE WATER RESISTANCE COMPRISE METAL LAYER DEPOSIT UNDERCOAT LAYER FORMING EMULSION COMPRISE ETHYLENIC UNSATURATED GROUP GLYCIDYL CONTAIN COMPOUND EMULSION
 PN - JP10008395 A 19980113 DW199812 D21H19/08 006pp
 IC - D21H19/08
 MC - A07-B02 A08-S05 A12-B03 F05-A06B
 DC - A97 F09
 PA - (NIPK) NIPPON KAYAKU KK
 - (OJIP) OJI PAPER CO
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 TI - VAPOR METALLIZED PAPER FOR LABEL
 AB - PROBLEM TO BE SOLVED: To obtain a vapor metallized label paper for beer bottles or the like having good appearance and resistance to water and bottle washing by coating the base paper with a specific radiation-curable resin composition emulsion to form an undercoat layer and vapor-metallizing the undercoat layer.
 - SOLUTION: (A) A compound bearing one or more ethylenically unsaturated groups in its molecule, for example, dipentaerythritol hexaacrylate (B) a compound obtained by reaction of bisphenol-F type epoxy resin with (meth)acrylic acid, then with a polybasic acid anhydride such as maleic anhydride and (C) an emulsifier, for example, a polyoxyethylene alkyl ether are compounded to prepare a radiation-curable resin composition emulsion. This emulsion is coated on the base paper, cured by irradiation with ultraviolet rays to prepare the undercoat layer. Then, the undercoat layer is vapor-metallized with aluminum to give the objective vapor-metallized paper for labels.
 I - D21H19/08
 PA - NIPPON KAYAKU CO LTD; OJI PAPER CO LTD
 IN - KIIYOYANAGI NORIKO; IZUMI KAORU; SUGAYA HIROAKI; TAKEYAMA SABURO
 ABD - 19980430

JP10008395

ABV - 199805

AP - JP19960185348 19960627